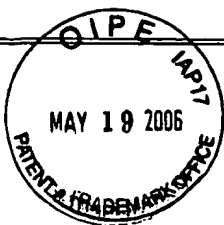


Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
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ATTY. DOCKET NO.
1035-00

SERIAL NO.
09/508,042

APPLICANTS
Akasu Pawelzik, et al.

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LIST OF PRIOR ART CITED BY APPLICANT

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

TS	AR	Muller, et al., "Analysing Physiological Data from Wake-Sleep Transition with Competing Predictors", 1995
		pg. 1-6.
↓	AS	Muller, et al., "Analysis of Switching Dynamics with Competing Neural Networks" 10/10 1995 pg. 1-11
↓	AT	Kohlmorgen, et al., "Competing Predictors Segments and Identity Switching Dynamics", 1994 ICANN, pg. 1-5.

EXAMINER

Sam Stevens

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LIST OF PRIOR ART CITED BY APPLICANT <small>(Use several sheets if necessary)</small>				APPLICANT Klaus Pawelzik et al.			
				FILING DATE March 3, 2000		GROUP	

U.S. PATENT DOCUMENTS														
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TS	AP	DE 195 30 646 C1	10/17/96	Germany			Abstract only	

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TS	AR <u>John Hertz et al., INTRODUCTION TO THE THEORY OF NEURAL COMPUTATION</u> , Addison-Wesley Publishing Company, 1991, Chapter 9 "Unsupervised Competitive Learning" TS <u>Phurscheller et al., SLEEP CLASSIFICATION IN INFANTS BASED ON ARTIFICIAL NEURAL NETWORKS</u> , Biomedizinische Technik, Band 37, Heft 6/1992, Pages 122 - 130 TS <u>Andreas Dräger et al., PRÄDIKTIVE REGELUNG VERFAHRENTÉCHNISCHER ANLAGEN MIT NEURONALEN NETZEN</u> , Automatisierungstechnische Praxis 37, 1995, 4, Pages 55 - 61 w/English language summary TS <u>Dietmar Wetzel, NEURONALE NETZE IN DER MEßTECHNIK</u> , Technisches Messen 62, 1995, 3 w/English language summary <i>pg 1-2.</i> TS <u>Achim Bothe, NEURONALE KLASSIFIKATOREN IN DER AKUSTISCHEN MUSTERERKENNUNG</u> , Technisches Messen 62, 1995, 3, Pages 88 - 94 w/English language summary TS <u>Sebastian Ester, HERZSCHALLANALYSE MIT UNTERSTÜTZUNG ADAPTIVER FILTER UND NEURONALER NETZE</u> , Technisches Messen 62, 1995, 3, Pages 107 - 112 w/English language summary

EXAMINER <i>TS</i> <i>Sam H. Hertz</i>	DATE CONSIDERED <i>8/31/06</i>
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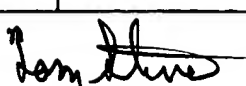
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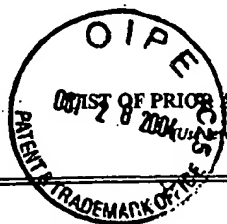
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TS	<div style="display: flex; justify-content: space-between;"> <div style="width: 10%;">AT</div> <div> <u>Thomas Martinet et al., NEURONALE NETZE ZUR STEUERUNG VON WALZSTRABEN</u>, <i>Automatisierungstechnische Praxis</i> 38, 1996, 10, Pages 28, 30 - 32, 34 - 36, 41 - 42 w/English language summary </div> </div> <div style="display: flex; justify-content: space-between;"> <div> </div> <div> <u>Klaus Pawelzik et al., ANNEALED COMPETITION OF EXPERTS FOR A SEGMENTATION AND CLASSIFICATION OF SWITCHING DYNAMICS</u>, <i>Neural Computation</i> 8, Pages 340 - 356, 1996 </div> </div>

EXAMINER <i>Jon Thues</i>	DATE CONSIDERED <i>8/30/06</i>
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TS	AR	D. Popivanov et al., <u>DETECTION OF SUCCESSIVE CHANGES IN DYNAMICS OF EEG TIME SERIES: LINEAR AND NONLINEAR APPROACH</u> , 18 th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 1996, Pages 1590 - 1591					
		J. Bardey et al., <u>A REVIEW OF PARAMETRIC MODELLING TECHNIQUES FOR EEG ANALYSIS</u> , Med. Eng. Phys., Vol. 18, No. 1, Pages 2 - 11, 1996					
TS	AS	Kohlmoegen, et al., <u>ANALYSIS OF WAKE/SLEEP EEG WITH COMPETING EXPERTS</u> , Pages 1077 - 1082 8/10/92					
		N.H. Packard et al., <u>GEOMETRY FROM A TIME SERIES</u> , Physical Review Letters, Vol. 45, No. 9, September 1980, Pages 712 - 716					
TS	AT	Lawrence R. Rabiner, Fellow, IEEE, <u>A TUTORIAL ON HIDDEN MARKOV MODELS AND SELECTED APPLICATIONS IN SPEECH RECOGNITION</u> , Readings in Speech Recognition, Eds. Alex Waibel et al., San Mateo, Morgan Kaufmann, 1990, Pages 267 - 296					
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EXAMINER INITIAL*		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TS	AA	5	3	0	7	4	4	4	04/26/94	Eiichi Tsuboka			
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TS	AL	WO 90/09644	08/23/90	International			x	
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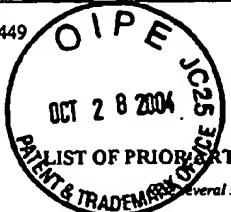
TS	AR	John Hertz et al., <u>INTRODUCTION TO THE THEORY OF NEURAL COMPUTATION</u> , Addison-Wesley Publishing Company, 1991, Chapter 9 "Unsupervised Competitive Learning" 1-10
		U. Pfurtscheller et al., <u>SLEEP CLASSIFICATION IN INFANTS BASED ON ARTIFICIAL NEURAL NETWORKS</u> , Biomedizinische Technik, Band 37, Heft 6/1992, Pages 122 - 130
TS	AS	Andreas Draeger et al., <u>PRÄDIKTIVE REGELUNG VERFAHRENSTECHNISCHER ANLAGEN MIT NEURONALEN NETZEN</u> , Automatisierungstechnische Praxis 37, 1995, 4, Pages 55 - 61 w/English language summary
		Dietmar Weizlar, <u>NEURONALE NETZE IN DER MesSTECHNIK</u> , Technisches Messen 62, 1995, 3 w/English language summary 19.1-2
TS	AT	Achim Bothe, <u>NEURONALE KLASSIFIKATOREN IN DER AKUSTISCHEN MUSTERERKENNUNG</u> , Technisches Messen 62, 1995, 3, Pages 88 - 94 w/English language summary
		Stephan Ester, <u>HERZSCHALLANALYSE MIT UNTERSTÜTZUNG ADAPTIVER FILTER UND NEURONALER NETZE</u> , Technisches Messen 62, 1995, 3, Pages 107 - 112 w/English language summary

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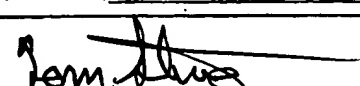
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AR	Grzegorz Wiatkowski et al., <u>LEBNFÄHIGE KLASSEFIZIKATION VON ZEITREIHEN</u> , <u>Automatisierungstechnik</u> 43, 1995, 2, Pages 70 - 76 w/English language summary
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TS	Thomas Marzotta et al., <u>NEURONALE NETZE ZUR STEUERUNG VON WALZSTRASSEN</u> , <u>Automatisierungstechnische Praxis</u> 38, 1996, 10, Pages 28, 30 - 32, 34 - 36, 41 - 42 w/English language summary
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Klaus Pawelzik et al.

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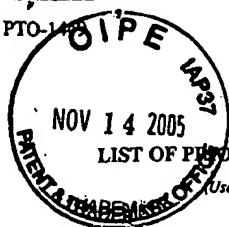
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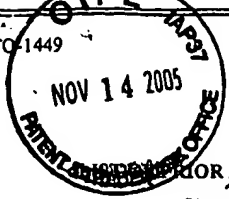
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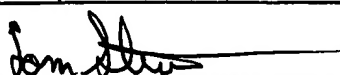
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		Christel Wisotzki et al., <u>LERNFÄHIGE KLASSIFIKATION VON ZEITREIHEN</u> , <i>Automatisierungstechnik</i> 43, 1995, 2, Pages 70 - 76 w/English language summary
↓	AS	Stefan Gehlen et al., <u>EINSATZ NEURONALER NETZE ZUR KONTROLLE KOMPLEXER INDUSTRIELLER PROZESSE</u> , <i>Automatisierungstechnik</i> 43, 1995, 2, Pages 85 - 91 w/English language summary
		Harald Posen, <u>ANWENDUNG KÜNSTLICHER NEURONALER NETZE IN ÜBERWACHUNGSSYSTEMEN</u> , <i>Automatisierungstechnische Praxis</i> 38, 1996, 11, Pages 37 - 38, 40 - 42, 44 - 46, 48 w/English language summary
↓	AT	Thomas Martinez et al., <u>NEURONALE NETZE ZUR STEUERUNG VON WALZSTRASSEN</u> , <i>Automatisierungstechnische Praxis</i> 38, 1996, 10, Pages 28, 30 - 32, 34 - 36, 41 - 42 w/English language summary
		Klaus Pawelzik et al., <u>ANNEALED COMPETITION OF EXPERTS FOR A SEGMENTATION AND CLASSIFICATION OF SWITCHING DYNAMICS</u> , <i>Neural Computation</i> 8, Pages 340 - 356, 1996

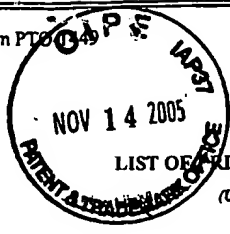
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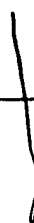

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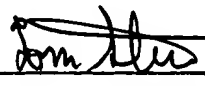
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	AL						YES NO
	AM						
	AN						
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
	AR D. Popivanov et al., <u>DETECTION OF SUCCESSIVE CHANGES IN DYNAMICS OF EEG TIME SERIES: LINEAR AND NONLINEAR APPROACH</u> , 18 th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 1996, Pages 1590 - 1591
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	AT Lawrence R. Rabiner, Fellow, IEEE, <u>A TUTORIAL ON HIDDEN MARKOV MODELS AND SELECTED APPLICATIONS IN SPEECH RECOGNITION</u> , Readings in Speech Recognition, Eds. Alex Waibel et al., San Mateo, Morgan Kaufmann, 1990, Pages 267 - 296

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